

Claims

1. Catch brake (1) for a trunk lid of a motor vehicle, especially for a passenger car, for slowing the opening motion of the trunk lid open reaching its open position, wherein a tubular hinge bail (3) of the trunk lid is braked in an essentially U-shaped receiver (4) by the clamping action and prevented from rebounding, characterized in that the receiver (4), is provided with tapering lateral brake cheeks (5) with a continuous taper in the direction of the opening movement, so that a narrowing gripping action is formed between them.

2. Catch brake (1) according to claim 1, characterized in that the brake cheeks are elastically flexible to one another.

3. Catch brake (1) according to claim 1 or 2, characterized in that the brake cheeks (5) are so configured that a continuously tapering clasp is formed in which the hinge bail (3) can enter without head-on collision in the receiver (4).

4. Catch brake (1) according to any one of the foregoing claims, characterized in that the lateral brake cheeks (5) are joined together by a resiliently deformable connecting member (6) which has mounting means (2) for the brake (1).

5. Catch brake (1) according to any one of the foregoing claims, characterized in that the brake cheeks (5) are formed of a hard plastic material resistant to abrasion, especially polyoxymethylene.

6. Catch brake (1) according to any one of the foregoing claims, characterized in that the catch brake (1) consists of a multi-component plastic part wherein the connecting link (6) is formed from a softer plastic than the lateral brake cheeks (5).

7. Catch brake (1) according to claim 6, characterized in that the lateral brake cheeks (5) are formed from a relatively hard core which is embedded in a softer plastic material for this purpose.

8. Trunk lid opening device of a motor vehicle by means of which a trunk lid can be moved from a closed to an open position, while a catch brake (1) is provided for slowing the

opening movement of the trunk lid upon reaching its open position and to prevent rebounding of the trunk lid, characterized in that the catch brake (1) has lateral brake cheeks (5) with a continuous taper between them in the direction of the open position for the formation of an increasingly narrowing clamping receiver (4).

9. Trunk line opening device according to claim 8, characterized in that an automatic opening system of the trunk lid is provided.

New Claims 1 to 7

1. Catch brake (1) for a trunk lid of a motor vehicle, especially a passenger car, for slowing the opening movement of the trunk lid upon reaching its open position, wherein a tubular hinge bail (3) of the trunk lid is braked by a clamping action in an essentially U-shaped clamping receiver (4) and is prevented from rebounding, characterized in that the clamping receiver (4) is provided with tapering lateral brake cheeks (5) which form a continuous taper in the direction of the opening motion, so that a narrowing clamping receiver (4) is formed between them, that the brake cheeks (5) are elastically flexible to one another and that the lateral brake cheeks (5) are joined together by a resiliently deformable connecting link (6) which has means (2) for mounting the catch brake (1).

2. Catch brake (1) according to claim 1, characterized in that the brake cheeks (5) are so configured that a continuously tapering clamping receiver (4) is formed in which the hinge bail (3) can enter without head-on collision in the clamping receiver (4).

3. Catch brake (1) according to claim 1 or 2, characterized in that the brake cheeks (5) are formed from a hard plastic material, especially polyoxymethylene, that is resistant to attrition.

4. Catch brake (1) according to any one of the foregoing claims, characterized in that the catch brake (1) consists of a multi-component plastic piece, wherein the connecting link (6) is formed from a softer plastic than the lateral brake cheeks (5).

5. Catch brake (1) according to claim 4, characterized in that the lateral brake cheeks (5) are formed from a relatively hard core which is embedded in a softer plastic material.

6. Trunk lid opening device of a motor vehicle, by means of which a trunk lid is movable from a closed to an open position, a catch brake (1) being provided for slowing the opening movement of the trunk lid upon reaching its open position, and wherein a tubular hinge bail (3) of the trunk lid is slowed by a clamping action in an essentially U-shaped clamping receiver (4) and prevented from rebounding, characterized in that the catch brake (1) has lateral brake cheeks (5) with a continuous taper in the direction of the open position between them to form an increasingly narrowing clamping receiver (4), that the brake cheeks (5) are elastically

flexible to one another and that the lateral brake cheeks (5) are joined together by a resiliently deformable connecting link (6) which has fastening means (2) of the catch brake (1).

7. Trunk lid opening device according to claim 6, characterized in that an automatic system for opening the trunk lid is provided.